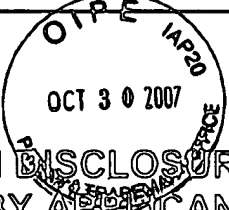


Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known			
			Application Number	09/110,678		
			Filing Date	7/7/1998		
			First Named Inventor	Mills		
			Group Art Unit	1745		
			Examiner Name	Kalafut		
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/SK/		3,253,884		Jung, et al.	05-31-1966	
		3,462,622		Cann et al.	08-1969	
		4,000,036		Ensley	12-1976	
		4,095,118		Rathbun	06-1978	
		4,149,931		Christensen	04-1979	
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		4,337,126		Gilligan, III et al.	06-29-1982	
		4,353,871		Bartilt, et al.	10-12-1982	
		4,464,990		Bendler	08-14-1984	
		4,488,490		Betts	12-18-1984	
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		4,702,894		Cornish	10-27-1987	
		4,792,725		Levy et al.	12-1988	
		4,808,286		Angelo, II	02-28-1989	
		5,273,635		Gernert	12-28-1993	
		5,449,434		Hooke et al.	09-1995	
		5,577,090		Moses	11-1996	
/SK/		5,593,640		Long, et al.	01-14-1997	

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				Examiner Name:	Kalafut
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/SK/		5,669,975		Ashtiani	09-1997	
		5,761,481		Kadoch et al.	06-1998	
		5,789,744		Spence, et al.	08-04-1998	
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		5,819,073		Nakamura	10-1998	
		5,838,760		Moses	11-1998	
		5,864,322		Pollon et al.	01-1999	
		5,883,005		Minton et al.	03-1999	
		5,888,414		Collins et al.	03-1999	
		5,969,470		Druz et al.	10-1999	
		6,024,935		Mills, et al.	02-15-2000	
		6,064,154		Crouch et al.	05-2000	
		6,149,829		Takamatsu et al.	11-2000	
		6,150,755		Druz et al.	11-2000	
		6,151,532		Barone et al.	11-2000	
		6,444,137		Collins et al.	09-2002	
		6,551,939		Takamatsu et al.	04-2003	
		6,579,465		Takamatsu et al.	06-2003	
/SK/		6,690,705		Maksimov et al.	02-2004	

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Attorney Docket Number

09-2002

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PTO/SB/08A (Modified)

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		Filing Date	7/7/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/SK/		WO	96/42085	A2	Mills	12-27-1996		
		WO	99/05735	A1	Mills	03-04-1999		
		WO	99/26078	A1	Mills	5-27-1999		
		WO	99/34322	A1	Mills	7-8-1999		
		WO	99/35698	A3	Mills	07-15-1999		
		WO	00/07931	A1	Mills	02-17-2000		
		WO	00/07932	A2	Mills	2-17-2000		
		WO	00/25320	A1	Davies	05-04-2000		
		WO	01/095944	A2	Mills	12-20-2001		
		WO	01/18948	A1	Mills	3-15-2001		
		WO	01/21300	A2	Mills	03-29-2001		
✓		WO	01/22472	A2	Mills	3-29-2001		
/SK/		WO	01/70627	A3	Mills	08-27-2001		

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/SK/		WO	02/08787	A2	De Geus	01-31-2002		
		WO	02/087291	A2	Mills	10-31-2002		
		WO	02/088020	A2	Mills	11-7-2002		
		WO	02/16956	A1	Mills	2-28-2002		
		WO	03/093173	A2	Mills	11-13-2003		
		WO	03/066516	A2	Mills	8-14-2003		
		WO	04/092058	A2	Mills	10-28-2004		
		WO	05/041368	A2	Mills	10-6-2005		
		WO	05/067678	A2	Mills	7-28-2005		
		WO	2005/116630	A1	Mills	12-08-2005		
✓		WO	2007/051078	A1	Mills	05-03-2007		
/SK/		WO	2007/053486	A1	Mills	05-10-2007		

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				Examiner Name	Kalafut
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/SK/		GB	2 343 291		Lloyd Wise, Tregear & Co.	05-13-2000		
/SK/		JP	2002008892A		Shimazu	01-2002		

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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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/SK/		S. Aaronson, "Hydrino Theory: Which Overturns Quantum Theory, Is in Turn Overturned by Doofusino Theory," < http://www.scottaaronson.com/writings/doofusino.html > (no date)	
/SK/		"Atomic Physics Progress Report 1995-1996" (internet page) atomp2.fysik.lth.se/AFDOCS/Progrep956/contents.asp (author and date unknown)	
/SK/		"Atomic Spectroscopy" (internet page) physics.nist.gov/Pubs/AtSpec/node20.html (author and date unknown)	
/SK/		Baard, Erik. "The Empire Strikes Back." <i>The Village Voice</i> , April 26-May 2, 2000	
/SK/		Baard, Erik. "Quantum Leap." <i>The Village Voice</i> , Dec 22-28, 1999.	
		Baard, Erik. "Researcher Claims Power Tech That Defies Quantum Theory." Dow Jones Newswires, Oct 6, 1999. (cited in paper no. 21)	
/SK/		Baard, Erik, "Hydrino Theorist Gets Nod From NASA-Funded Investigation Eureka?", <i>The Village Voice</i> , Dec. 6, 2002	
		Barmann et. al. "Spatially and Temporally Resolved Studies of the Electron Density in Liquid Streamers by Emission Spectroscopy" (Internet page) atomp2.fysik.lth.se/AFDOCS/Progrep956/5a.htm (Atomic Physics Progress Report) (1995-1996) (cited in paper no. 36)	
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/SK/		R. W. Bass, "Email from Bob Bass to Randell Mills," August 6, 2000.	
		Beiser, A. Concepts of Modern Physics, Fourth Edition, McGraw-Hill Book Company, New York, 1978, p. 407.	
/SK/		"The Biggest Venture Capital Conference of the Year is Quickly Approaching," Special to Evening Bulletin 09/29/2006, < http://www.theeveningbulletin.com/site/news.cfm?newsid=17263371&BRD=2737&PAG=461&dept_id=57636&rft=6 > (Sept 2006)	
/SK/		"Blacklight Power - do they have something significant?" (internet page) www.phact.org/e/blp.htm (author and date unknown) (Oct 1997)	
/SK/		Blacklight Power, Inc., "Second Shareholder Newsletter '97" < http://web.archive.org/web/19980212141859/blacklightpower.com/sharenews2.html >	
/SK/		Boniface, et. al. "Calorimetry for a Ni/K ₂ CO ₃ Cell." AECL Research, June 1994.	
		Bradford, "A Calorimetric Investigation of the Reaction of Hydrogen with Sample PCU #1," A Confidential Report submitted to Hydrocatalysis Power Corporation, September 1994.	
/SK/		Brewer, Shelby T. Book review of "The grand Unified Theory of Classical Quantum Mechanics (Hardcover) by Randell L., Dr. Mills." (internet page) http://www.amazon.com/gp/product/product-description/0963517139/ref=dp_proddesc_0/103-5711659-8507030 (date unknown)	
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		<u>Marun</u>	
		Caroline, et al. "Effect of Dielectric Constant, Cavities in Series and Cavities in Parallel on the Product Distribution of the Oligomerization of Methane via Microwave Plasmas." J. Phys. Chem., Vol 100, 1996, pp. 17866-17872. (cited as "Dery et al. in parent case)	(no month)
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Examiner Signature	/Stephen Kalafut/		Date Considered
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/SK/		Dennis "Hidden Variables and Relativistic Tachyons" (internet page) www.objectivescience.com/articles/ed_tachy.htm (Date unknown)	
/SK/		Directory: Blacklight Power, From PESWiki "A Top 100 Energy Technology," <http://peswiki.com/index.php/Directory:Blacklight_Power> (no date)	
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/SK/		Evans Analytical Group, http://www.cca.com/tech.htm#esca1 (no date)	
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/SK/		Gottfried, "Quantum electrodynamics: Matter all in the mind", (Internet page) www.nature.com/cgi-taf/DynaPage.t...e/journal/v419/n6903/full/419117a_r.html , 2002 (no date)	
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/SK/		The Harvard Crimson News: Academics Question the Science Behind Blacklight Power, Inc. http://www.the.crimson.com/printerfriendly.aspx?ref=100939 (Oct 2007)	
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		Examiner Name	Kalafut		
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		76. Mills et al., "Comparison of Catalysts and Microwave Plasma Sources of Spectral Emission of Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," <i>Journal of Applied Spectroscopy</i> , submitted. (Internet Publication Date: Feb. 12, 2002.)		
		75. Mills et al., "Novel Liquid-Nitrogen-Condensable Molecular Hydrogen Gas," <i>Acta Physica Polonica A</i> , submitted. (Internet Publication Date: Oct. 29, 2002.)		
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		67. Mills et al., "Extreme Ultraviolet Spectroscopy of Helium-Hydrogen Plasma," J. Phys. D, Vol. 36, (2003), pp. 1535–1542. (Internet Publication Date: July 17, 2002.)		
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	09/110,678		
		Filing Date	7/7/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	34	of	358	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examine r Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
/SK/		Mills, "Author's response 'A possible trick of Hydride atom'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, p. 1225. (no month)		
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/SK/		Mills, "Author's response to 'Hydrino theory- a proposed amendment'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, pp. 1229-1231. (no month)		
/SK/		Mills, "Power Spectrum of the Cosmic Microwave Background" <i>BlackLight Power, Inc.</i> 2001. (no month)		
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PTO/SB/08A (Modified)

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	Application Number	09/110,678
	Filing Date	July 7, 1998
	First Named Inventor	Mills
	Group Art Unit	Unassigned 1745
	Examiner Name	Unassigned Kalafut
Sheet 36 of 58	Attorney Docket Number	62-226-8AC

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number	Kind Code ² (if known)			
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		2,708,656		Fermi	05-17-1955	
		3,297,464		Niedrach	01-10-1967	
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		3,816,192		Brower	06-11-1974	
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		4,487,670		Bellanger	12-11-1984	
/SK/		4,512,966		Nelson	04-23-1985	

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				Examiner Name	Assigned Kalafut	
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		4,664,904		Wolfrum	05-12-1987	
		4,737,249		Shepard Jr.	04-12-1988	
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/SK/		5,372,688		Patterson	12-13-1994	

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			Group Art Unit	Unknown 1745	
			Examiner Name	Unknown Kalafut	
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		WO	90/14668	A2	Cravens	11-29-1990		
		WO	91/01036	A1	Dufour	01-24-1991		
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/SK/		JP	56-136644		Hitachi	03-28-1980		X

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Sheet	5 40	of	48 58	Attorney Docket Number	62-226-8AC

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		Filing Date	July 7, 1998		
		First Named Inventor	Mills		
		Group Art Unit	Unknown 1745		
		Examiner Name	Unknown Kalafut		
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OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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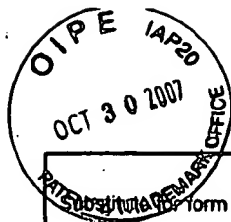
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		Group Art Unit	Unknown 1745		
Examiner Name	Unknown Kalafut				
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PTO/SB/08B (Modified)

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	Application Number	09/110,678
	Filing Date	7/798
	First Named Inventor	Mills
	Group Art Unit	1754 1745
	Examiner Name	Langer Kalafut
Sheet 4 50 of 8 58	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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		Examiner Name	Langel Kalafut				
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/SK/		R. Mills, P. Ray, J. Dong, M. Nansteel, W. Good, P. Jansson, B. Dhandapani, J. He, "Excessive Balmer Line Broadening, Power Balance, and Novel Hydride Ion Product of Plasma Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", Int. J. Hydrogen Energy, submitted (no date)	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/110,678
		Filing Date	July 7, 1998
		First Named Inventor	Mills
		Group Art Unit	4754 1745
		Examiner Name	Langel Kalafut
Sheet 7 55	of 8 58	Attorney Docket Number	62-226-8AC

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Arfken, "Mathematical Methods for Physicists," Academic Press, 1970, pp. 143-145.	
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		Group Art Unit	4754 1745				
Examiner Name	Langer Kalafut						
Sheet	11	56	of	8	58	Attorney Docket Number	62-226-BAC

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		Kolos, et al., "Accurate Adiabatic Treatment of the Ground State of the Hydrogen Molecule" Journal of Chemical Physics, Vol 41, No 12, Dec 1964, pp. 3663-3673.	
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Examiner Name	Langot Kalafut				
Sheet	57	of	58	Attorney Docket Number	62-226-8AC

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		Bradford. "A Calorimetric Investigation of the Reaction of Hydrogen with Sample PSU #1." A Confidential Report submitted to Hydrocatalysis Power Corporation, September 1994.	
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		First Named Inventor	Mills
		Group Art Unit	1754 1745
		Examiner Name	Tanger Kalafut
Sheet 5 58	of 5 58	Attorney Docket Number 62-226-8AC	

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/SK/		Kurtz, et. al. "Report on Calometric Investigations of Gas-Phase Catalyzed Hydrino Formation." Hydrocatalysis Power Corp. Report, December 1996.	
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